

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	18	("4829570"   "5166953"   "5182552"   "5299264"   "5420640").PN. OR ("5832024").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:23
L17	13	("5239541"   "5561673").PN. OR ("5799042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 13:10
L20	2	"5950115".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:02
L21	0	2002/0085713.pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:02
L22	2	"20020085713".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 15:03
S1	6	(casimir near johan).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 18:39
S2	2770	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (phase adj lock or pll) and audio same decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:19
S3	50	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and loss same (phase adj lock or pll) and audio same decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 18:34

## EAST Search History

S4	2	"5950115".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:38
S5	198	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (EFM) same (phase adj lock or pll) and audio same decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 16:54
S6	62	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (EFM) same (phase adj lock or pll) and audio same decod\$4 and (loss or error) near detect\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:59
S7	7	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and EFM and (poll\$4 or loss or monitor\$4 or detect\$4) near (phase adj lock or pll) and audio same decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 15:13
S8	27	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and EFM and (poll\$4 or loss or monitor\$4 or detect\$4) near (phase adj lock or pll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 12:27
S9	2	"5950115".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 18:37
S10	2	"5850415".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 18:45
S11	2	"5878336".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 18:45

## EAST Search History

S12	104	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and efm and (decod\$5 or demodulat\$5) with audio and (pll or phase adj lock\$3) same (fail\$4 or detect\$4 or loss or synchroniz\$6) and (mhz or ghz)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 16:00
S13	1307	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 455/66. 1,344,41.2,41.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 16:01
S14	4	S13 and (pll or phase adj lock\$4) with (fail\$4 or los\$3 or error or unsync\$ or corrupt\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:25
S15	1307	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 455/66. 1,344,41.2,41.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 15:14
S16	23	S15 and (fail\$4 or detect\$4 or los\$4 or error) with (pll or phase near lock\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 15:25
S17	130	S15 and audio same (decod\$4 or demodulat\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 15:32
S18	8	S15 and (decod\$4 or demodulat\$5) and (detect\$4 or monitor\$4 or poll\$4 or test\$4) with phase near lock\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/13 15:33
S19	4	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 455/66. 1,344,41.2,41.3.ccls. and (pll or phase adj lock\$3) with (fail\$4 or los\$3 or error or unsync\$9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 17:17

## EAST Search History

S20	15	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 455/66. 1,344,41.2,41.3;381/2,3,4,14,16. ccls. and (pll or phase adj lock\$3) with (fail\$4 or los\$3 or error or unsync\$9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 18:11
S21	0	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and efm near (error or fail\$4) with (pll or phase near lock\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 18:12
S22	41	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and efm near (error or fail\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 18:34
S23	189	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (decod\$3 or demodulat\$4) and efm same (pll or phase near lock\$3) and (error or fail\$4 or los\$4) with (phase or lock\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 18:51
S24	135	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (decod\$3 or demodulat\$4) and efm with (pll or phase near lock\$3) and (error or fail\$4 or los\$4) with (phase or lock\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 09:54
S25	53	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (cd near player or stereo or home near theater) near wireless and receiver	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 09:57
S26	0	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (cd near player or stereo or home near theater or speaker) near wireless and receiver near "900" near mhz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 09:58
S27	35	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (cd near player or stereo or home near theater or speaker) near wireless and receiver and "900" near mhz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:00

## EAST Search History

S28	162	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (cd near player or stereo or home near theater or speaker) with wireless and audio and receiver and "900" near mhz	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:00
S29	64	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (cd near player or stereo or home near theater or speaker) with wireless and audio and receiver and "900" near mhz and (reset or reinitial\$4 or restart)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:39
S30	1	("2002/0159434").URPN.	USPAT	OR	ON	2007/01/18 10:03
S31	36	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (RF or radio near frequency or wireless) with receiv\$4 and audio and (ghz or mhz) and (reset or reinitial\$4 or restart) same phase near (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:54
S32	39	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (RF or radio near frequency or wireless) with receiv\$4 and audio and (ghz or mhz) and (reset\$4 or reinitial\$6 or restart) same phase near (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:55
S33	7	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (RF or radio near frequency or wireless) with receiv\$4 and audio and (ghz or mhz) and (reset\$4 or reinitial\$6 or restart) with phase near (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:02
S34	45	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (RF or radio near frequency or wireless) with receiv\$4 and (audio or stereo) and (ghz or mhz) and (reset\$4 or reinitial\$6 or restart\$4 or redo ) with phase with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:20

## EAST Search History

S35	0	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and short near (distan\$3 or rang\$3) with (rf or wireless) and (audio or stereo) and (ghz or mhz) and (reset\$4 or reinitial\$6 or restart\$4 or redo ) with phase with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:22
S36	38	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and short near (distan\$3 or rang\$3) with (rf or wireless) and (audio or stereo) and (ghz or mhz) and phase with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:43
S37	0	("2003/0181182").URPN.	USPAT	OR	ON	2007/01/18 11:31
S38	51	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and short near (distan\$3 or rang\$3) with (rf or radio or wireless) and (audio or stereo) and (ghz or mhz) and (pll or phase) with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:51
S39	201	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or radio near frequency or wireless) and (audio or stereo or speaker) near system and (ghz or mhz) and (pll or phase) with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 11:52
S40	33	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or radio near frequency or wireless) same (audio or stereo or speaker) near system and (ghz or mhz) and (pll or phase) with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:27
S41	74	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or radio near frequency or wireless) same (audio or stereo or speaker) near (system or receiver) and (ghz or mhz) and (pll or phase) with (error or fail\$4 or los\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:20

## EAST Search History

S42	208	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or wireless) with CD near (signal or data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:28
S43	30	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or wireless) with CD near (signal or data) and (phase near lock\$3 or pll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:43
S44	41	S41 not S40	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:38
S45	192	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (radio or wireless) with CD near (signal or data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:44
S46	85	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (wireless) with CD near (signal or data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:44
S47	38	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or radio near frequency or wireless) with (audio or stereo or speaker) near (system or receiver) and (pll or phase) with (error or fail\$4 or los\$4 or unsync\$9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:47
S48	38	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (rf or radio near frequency or wireless) with (audio or stereo or speaker) near (system or receiver) and (pll or phase) with (error or fail\$4 or los\$4 or unsync\$9 or unlock\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:02

## EAST Search History

S49	81	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (short or close) near (range or distan\$2) with (wireless or radio or rf) and (pll or phase near lock\$4) and phase with (unlock\$3 or error or fail\$4 or los\$4 or unsync\$9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:32
S53	100	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (pc or personal near computer) with (stereo or audio or theater) and (pll or phase near lock\$4) and phase with (unlock\$3 or error or fail\$4 or los\$4 or unsync\$9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:33
S54	65	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (pc or personal near computer) with (stereo or audio or theater) and (pll or phase near lock\$4) and phase with (unlock\$3 or error or fail\$4 or los\$4 or unsync\$9) and (wireless or radio or rf)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:40
S55	30	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (pc or personal near computer) with (stereo or audio or theater) near system and (pll or phase near lock\$4) and (wireless or radio or rf)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:42
S56	105	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and (pc or personal near computer) with (stereo or audio or theater) near system with (wireless or radio or rf)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:42
S57	303	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 700/94;370/328,329,330,343, 345;375/219,221,225,227,240, 259,267;455/59,132,133,134, 135;381/2,3,14.ccls. and (pll or phase near lock\$4) and ((phase or lock\$4) near6 (fail\$4 or los\$4 or error) or unlock\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:47



## EAST Search History

S58	48	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 700/94;370/328,329,330,343, 345;375/219,221,225,227,240, 259,267;455/59,132,133,134, 135;381/2,3,14.ccls. and (pll or phase near lock\$4) and ((phase or lock\$4) near6 (fail\$4 or los\$4 or error) or unlock\$4) same (repeat\$4 or restart\$4 or reset\$4 or reinitial\$8)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:58
S59	86	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 700/94;370/328,329,330,343, 345;375/219,221,225,227,240, 259,267;455/59,132,133,134, 135;381/2,3,14.ccls. and ((phase or lock\$4) near6 (fail\$4 or los\$4 or error) or unlock\$4) same (repeat\$4 or restart\$4 or reset\$4 or reinitial\$8)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:59
S60	33	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and 700/94;370/328,329,330,343, 345;375/219,221,225,227,240, 259,267;455/59,132,133,134, 135;381/2,3,14.ccls. and ((phase or lock\$4) near6 (fail\$4 or los\$4 or error) or unlock\$4) with (repeat\$4 or restart\$4 or reset\$4 or reinitial\$8)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 17:37
S61	12	("4829570"   "5272525"   "5319716"   "5349386"   "5410735"   "5491839"   "5581617"   "5625881"   "5666658"   "5673323"   "5832024"   "6023459").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:03
S62	11	("6466832").URPN.	USPAT	OR	ON	2007/01/18 17:08
S63	695	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ((phase or lock\$4) near6 (fail\$4 or los\$4 or error) or unlock\$4) near (repeat\$4 or restart\$4 or reset\$4 or reinitial\$8)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 17:38

## EAST Search History

S64	396	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ((phase or lock\$4) near (fail\$4 or los\$4 or error) or unlock\$4) near (repeat\$4 or restart\$4 or reset\$4 or reinitial\$8)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 17:38
S65	2	"6466832".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:09
S66	2	zuqert.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 18:41
S67	7	((reinitializ\$4 or reset\$4 or restart\$4) or ((re adj initial\$4) or (re adj set\$4) or (re adj start\$4))) near4 (PLL or (phase adj lock\$4 adj loop) or (de adj modulats\$4) or demodulat\$4) with ((los\$3 or fail\$4) near3 phase near2 lock\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:11
S68	457	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020604" and (EFM) with (phase adj lock\$4 or pll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:01
S69	23	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020604" and (EFM) with (phase adj lock\$4 or pll) and receiver	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/05 13:24
S70	72	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020604" and (EFM) and (phase adj lock\$4 or pll) with (monitor\$4 or poll\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:47
S71	72	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20020604" and (EFM or eight adj2 fourteen adj modulated) and (phase adj lock\$4 or pll) with (monitor\$4 or poll\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:47

## EAST Search History

S72	2029	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ("900"\$mhz or "900" adj mhz) and audio	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:38
S73	1	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ("900"\$mhz or "900" adj mhz) and audio and efm	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:39
S74	394	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ("900"\$mhz or "900" adj mhz) and audio and cd	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:44
S75	38	(@rlad<"20020604" or @ad<"20020604" or @ptad<"20020604") and ("900"\$mhz or "900" adj mhz or "2.4" adj ghz) same cd	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 17:45